DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** WIR-002175 Address: 333 Burma Road **Date Inspected:** 09-Apr-2008

City: Oakland, CA 94607

OSM Arrival Time: 630 **Project Name:** SAS Superstructure **OSM Departure Time:** 1700 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

Wu Ming Kat, Zhao Chen Sun & KWAiPresingt: **CWI Name:** Yes No

Inspected CWI report: Yes N/A Yes No **Rod Oven in Use:** No N/A N/A **Electrode to specification:** Yes No Weld Procedures Followed: Yes No N/A N/A **Qualified Welders:** Yes No **Verified Joint Fit-up:** Yes No N/A N/A N/A **Approved Drawings:** Yes No **Approved WPS:** Yes No

Yes N/A **Delayed / Cancelled:** No

34-0006 **Bridge No: Component:** SP423A/PL1137A

Summary of Items Observed:

On this date, Caltrans Office of Structural Materials (OSM), Quality Assurance (QA) Inspector, David A. Smith was present for the observations related the following;

Bay-3 FCAW welders Xin Meng #053742 and Sun Tiyn #054459 were observed during the welding of welds 003, 004, 007 and 008 Side Plate SP-423A, Plate 1137A. Welding procedure used was WPS-B-T-2132-3 the CWI present was Wu Ming Kat and the QC was Shu Yang Hua.

Bay-4, Filler weld metal was being added to NSD1-SA322-A/B-1A by SAW welder Gu Caihong #053748. The material was 485 and 75mm thick. The CWI was Zhao Chen Sun and the QC was Yang Qing Feng. The welding procedure used was WPS-B-T-3221-B-U3c-S-1.

Bay-3, Stiffeners were being tacked welded on Side Plate SP-425-001 welds 005 thru 010 by welder Tan Xiangbo #066459 to procedure WPS-B-P-2112-FCM. The CWI present was Xu Xian Ping and the QC was Wang Liang. SMAW welders Wang Zhong Hua #053753 and Zhang Feng #049769 were tack welding stiffeners to Side Plate SP-419-001 welds 001 thru 004 using welding rods TL-508.

Bay-4, Back gouging was observed on weld 1B of plate NSD1-SA276. The CWI present was Zhao Chen Sun.

WELDING INSPECTION REPORT

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Summary of Conversations:

There were no pertinent conversations pertaining to the project during this shift.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By:	Smith,David	Quality Assurance Inspector
Reviewed By:	Hager,Craig	QA Reviewer